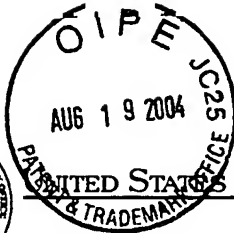


IPW 18



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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 P.O. Box 1450
 Alexandria, Virginia 22313-1450
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| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/766,311 | 01/29/2004 | Masahiro Sukanuma | 046124-5269 |

CONFIRMATION NO. 1259

FORMALITIES LETTER



OC000000012971236

09629

MORGAN LEWIS & BOCKIUS LLP
 1111 PENNSYLVANIA AVENUE NW
 WASHINGTON, DC 20004

Date Mailed: 06/21/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The application was filed in a language other than English. Applicant is required to provide an English translation of the specification and a statement that the translation is accurate. (See 37 CFR 1.52(d)).
- Applicant must file an English translation of the application, the \$ 130 fee set forth in 37 CFR 1.17(i), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- Because your specification was filed in a language other than English, the Office was unable to determine the number of claims submitted. Additional claim fees may be due once the number of claims can be determined.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:

08/20/2004 AADDF01 00000029 500310 10766311

| | |
|------------|-----------|
| 01 FC:1001 | 770.00 DA |
| 02 FC:1051 | 130.00 DA |
| 03 FC:1053 | 130.00 DA |

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AUG 23 2004

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- The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1)); See Figure(s) 18 and 19.

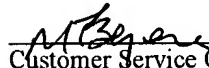
SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$1030** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- **\$130** for English translation surcharge required.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT
ATTORNEY DOCKET NO.: 046124-5269

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Masahiro SUGANUMA et al.)
)
Application No.: 10/766,311) Group Art Unit: Unassigned
)
Filed: January 29, 2004) Examiner: Unassigned
)
For: RADIATION IMAGE SENSOR AND)
MAKING METHOD OF SAME)

Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

RESPONSE TO NOTICE TO FILE MISSING PARTS

1. This replies to the Notice to File Missing Parts of Nonprovisional Application mailed June 21, 2004.

A copy of the Notice To File Missing Parts Of Nonprovisional Application is enclosed.

2. Declaration Or Oath

- ☒ No declaration or oath was filed. Enclosed is the original Combined Declaration and Power of Attorney.
- ☐ The specification attached to the declaration is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date.
- ☐ The declaration or oath which was filed was determined to be defective. A new original Combined Declaration and Power of Attorney is attached.

3. English Translation of Non-English Language Papers

- ☒ Submitted herewith is a verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the PTO.

Also enclosed is the Verification of Translation Document.

4. Small Entity Status

- ☐ Small entity status under 37 C.F.R. § 1.27 is asserted for the present application.

5. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

- ☐ Applicant petitions for an extension of time, the fees for which are set out in 37 C.F.R. § 1.17(a), for the total number of months checked below:

| Total months requested | Fee for extension | [Fee for Small Entity] |
|---------------------------------------|-------------------|------------------------|
| <input type="checkbox"/> one month | \$ 110.00 | \$ 55.00 |
| <input type="checkbox"/> two months | \$ 420.00 | \$210.00 |
| <input type="checkbox"/> three months | \$ 950.00 | \$475.00 |
| <input type="checkbox"/> four months | \$1,480.00 | \$740.00 |
| <input type="checkbox"/> five months | \$2,010.00 | \$1,005.00 |

Extension of time fee due with this request: \$

If an additional extension of time is required, please consider this a Petition therefor.

- ☒ Applicant believes that no extension of time is required. However, in the event applicant has inadvertently overlooked the need for a petition and fee for extension of time, applicant hereby petitions for such an extension and requests that any fee therefor be charged to our Deposit Account No. 50-0310.

6. Assignment

- ☒ An assignment of the invention to HAMAMATSU PHOTONICS K.K. and a PTO Form-1595, Recordation Form Cover Sheet, are enclosed.

7. Fee Calculation

| | | | | Fee Code | |
|--|--------------|--------------------------|---------------------------------|-----------|-----------|
| Basic Fee | | | | \$770.00 | 1001/2001 |
| | Number Filed | Number Extra | at a Rate of (Lg./Sm.Entity) | | |
| Total Claims | 5-20 = | | \$18/\$9 each= | \$ | 1202/2202 |
| Independent Claims | 1-3 = | | \$86/\$43 each= | \$ | 1201/2201 |
| Multiple dependent claim(s), if any | | | \$290/\$145 | \$ | 1203/2203 |
| SUB-TOTAL = | | | | \$770.00 | |
| Late Filing Surcharge Fee (37 C.F.R. § 1.16(e)) | | | \$130/\$65 | \$130.00 | 1051/2051 |
| Extension Fee (37 C.F.R. § 1.17(a)(1)-(5)) | | \$110/\$55 (1 Month) | | \$ | 1251/2251 |
| | | \$420/\$210 (2 Months) | | | 1252/2252 |
| | | \$950/\$475 (3 Months) | | | 1253/2253 |
| | | \$1480/\$740 (4 Months) | | | 1254/2254 |
| | | \$2010/\$1005 (5 Months) | | | 1255/2255 |
| SUB-TOTAL = | | | | \$900.00 | |
| Fee For Application Filed With A Non-English Specification (37 C.F.R. § 1.17(i) and § 1.52(d)) | | | \$130.00 | \$130.00 | 1053 |
| Assignment Recordation Fee | | | \$ 40.00 | \$40.00 | 8021 |
| TOTAL FILING FEE = | | | | \$1070.00 | |

8. Fee Payment

- ☐ Enclosed is a check in the amount of \$_____ representing the total fee due.
- ☒ The Commissioner is hereby authorized to charge the total fee due to Deposit Account 50-0310.
- ☒ **Except** for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R §1.16 and §1.17 which may be required, or credit any overpayment to Deposit Account No. 50-0310.

9. Additional papers enclosed.

- ☒ Preliminary Amendment
- ☒ Submission of Replacement Drawings with 17 sheets of drawings
- ☐ Claim for Priority
- ☐ Certified copy(ies) of priority document(s):
- ☒ Information Disclosure Statement
- ☒ Form PTO-1449, 5 references as listed
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
- ☐ Other:

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP



John G. Smith Reg. No. 33,818

Date: August 19, 2004

CUSTOMER NO. 09629

MORGAN, LEWIS & BOCKIUS LLP

1111 Pennsylvania Avenue, N.W.

Washington, D.C. 20004

Telephone: (202) 739-3000

Facsimile: (202) 739-3001



PATENT
ATTORNEY DOCKET NO.: 046124-5269

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Masahiro SUGANUMA et al.

Application No.: 10/766,311

Confirmation No.: 1259

Filed: January 29, 2004

For: **RADIATION IMAGE SENSOR AND MAKING METHOD OF SAME**

Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

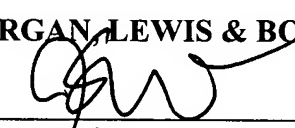
SUBMISSION OF REPLACEMENT DRAWINGS

Filed herewith are Seventeen (17) replacement sheets of drawings containing Figures 1-20. These replacement sheets of drawings are submitted to improve the form of the drawings. It is requested that these drawings be approved and made part of the official record in the above-identified patent application.

If there are any fees due in connection with the filing of these drawings, please charge the fees to our Deposit Account No. 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP



John G. Smith
Reg. No. 33,818

Dated: August 19, 2004
Customer No. 009629
MORGAN, LEWIS & BOCKIUS LLP
1111 Pennsylvania Avenue, N.W.
Washington, D.C. 20004